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Amendments to the Claims

This listing of claims replaces all prior versions and listings of claims in the application.

Listing of Claims:

1. (previously presented) A snowmobile comprising:

a frame having a forward portion and a rear portion, said frame including a pair of skis supporting said forward portion and an endless drive track supporting said rear portion, an engine supported in said frame, a clutch system including a primary clutch and a secondary clutch having a secondary clutch axis, a drive train connected to said engine and to said endless drive track, said drive train including a planetary gear system, said planetary gear system including a first shaft and a sun gear driven by said first shaft, said first shaft being driven by said engine, planetary gears drivenly engaged with said sun gear, said planetary gears continuously rotating about said sun gear when said sun gear is driven by said first shaft, and a second shaft including a second shaft axis and a planetary gear plate engaged with said planetary gears, said second shaft being driven by said planetary gears, said second shaft driving said endless drive track, said secondary clutch axis being coaxial with said second shaft axis.

2. (original) The snowmobile of claim 1 wherein said planetary gear system is driven by said engine engaging through a clutch system.

3. (original) The snowmobile of claim 2 wherein said planetary gear system comprises four planetary gears and wherein said four planetary gears are equally spaced around said sun gear.